



# LRO and LCROSS EPO

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# **LRO and LCROSS EPO programs are funded by the Lunar Precursor Robotic Program (LPRP)**

**Both have individual EPO projects, collaborate on joint projects and support LPRP EPO Efforts**

## **Joint Projects**

- **Explore the Moon! With Museum educators**
- **Return to the Moon At the Imiloa Science Center**
- **Return to the Moon Family Science nights**
- **Lunar Engineering Design Challenge**
- **Lunar Exhibit Hall in Second Life**
- **Workshops for NASA Educators**



# LCROSS Education and Public Outreach

- Student and Public Observation Campaign
- Student Telemetry Program
- Planetarium Program
- NASA Quest Challenges
- Museum Programs
- Cohort Programs
- Family Nights
- Impact Extravaganza
- Workshops



The screenshot shows the NASA website for the LCROSS mission. The top navigation bar includes the NASA logo, the text "NATIONAL AERONAUTICS AND SPACE ADMINISTRATION", and links for "NASA Quest" and "Search Quest". A search bar with the text "FIND IT @ NASA:" and a "GO" button is also present. Below the navigation bar, there are four tabs: "Home", "Mission", "About the Moon", and "Impact!". The main banner features a large image of the LCROSS spacecraft and the text "Exploration of the Moon Continues! LCROSS Lunar CRater Observation and Sensing Satellite". Below the banner, there are four tabs: "Tech Info", "Observations", "Education", and "News / Events". The "Education" tab is selected, and the page displays the "EDUCATION" section for the "Lunar CRater Observation and Sensing Satellite (LCROSS)".

**EDUCATION** Lunar CRater Observation and Sensing Satellite (LCROSS)

View biographies of the scientists and engineers who are part of the LCROSS mission.

Take the "Cratering the Moon" Challenge one step further with the Moon Math Supplemental Guide activities. Students will 1) approximate the area and volume of a classroom-made crater, 2) calculate and compare the scale of lunar craters to classroom craters, and 3) observe how the size, mass, and angle of impact of a projectile affect the area and volume of a crater.

Use *What's the Difference?* to compare and contrast the moons and planets in our solar system. You can also input your own data sets to create an interactive customized comparison tool.

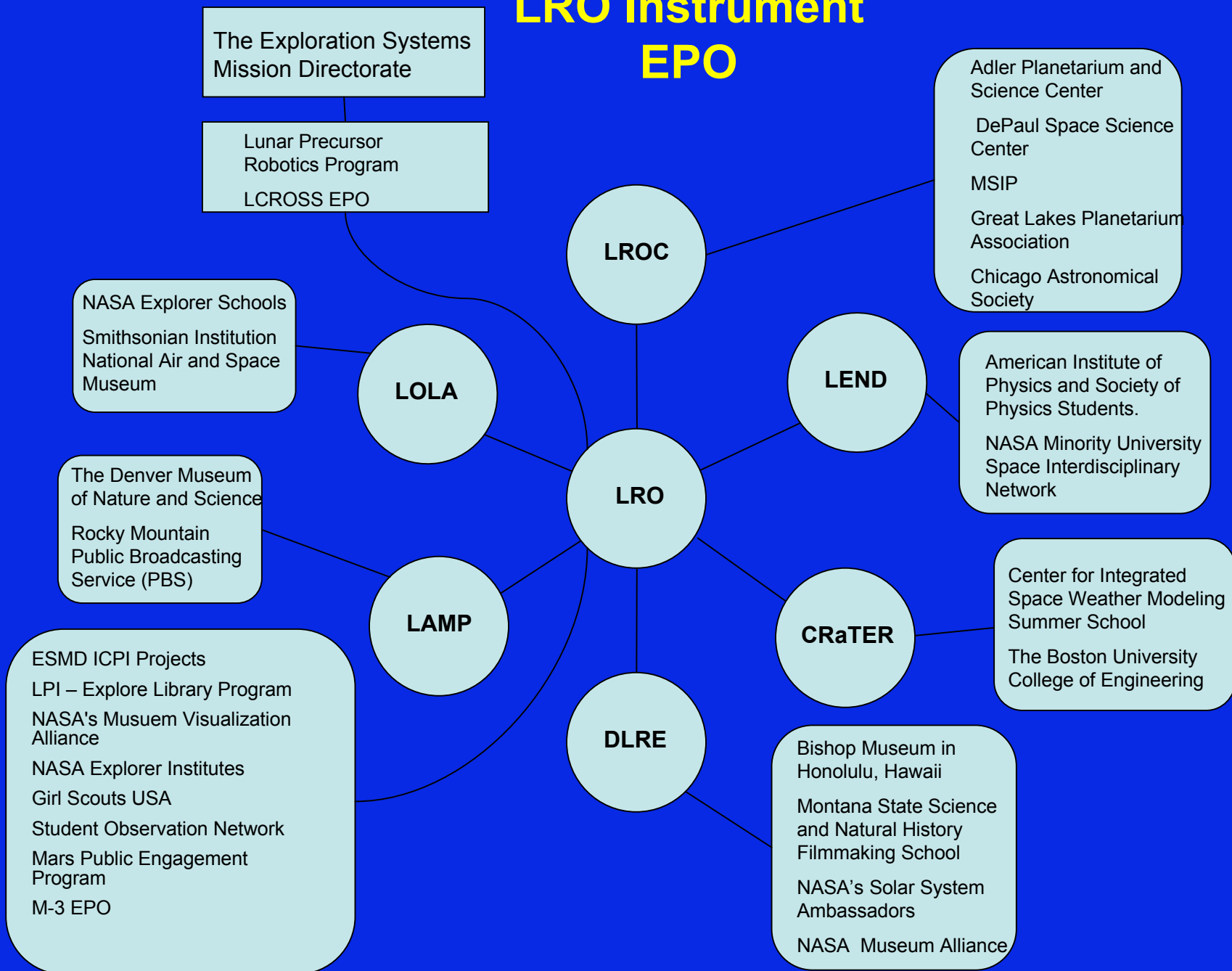
Participate in NASA Quest's Lunar Outpost Design Challenge scheduled for Fall 2006! Students, primarily in grades 5-8, will be challenged to design systems to support living and working on the moon. This webpage also features teacher resources, NASA biographies, and a lunar reading list.

# LRO Education and Public Outreach

- Explore: To the Moon and Beyond Librarians program
- NASA Explorer School Teacher workshops
- Science On a Sphere Program
- NASA Museum Alliance Lunar Website
- GSUSA Robotic Exploration Workshop
- NASA Goddard LaunchFest
- Send Your Name to the Moon
- Coordinate LRO Instrument EPO



# LRO Instrument EPO





# Web 2.0 - Social Media and Social Networking and Participatory Exploration

Most Visited - Getting Started - Open NASA - LRO NAMES - NOMAD - Webmail

## Send Your Name to the Moon Entries

[Entry Table 1](#) (969784 records)

[Entry Table 2](#) (30216 records)

**TOTAL ENTRIES: 1000000**

## Join NASA's Return to the Moon

Sign up to send your name to the moon. Names will be collected and placed onboard the LRO spacecraft for its historic mission bringing NASA back to the moon. You will also receive a certificate showcasing your support of the mission.

The deadline is July 25, 2008 for the submission of names.

LRO's objectives are to find safe landing sites, locate potential resources, characterize the radiation environment, and demonstrate new technology.

**Send your name to the Moon!**

First Name Last Name Add Name

Visit the LRO Web Site at <http://lunar.gsfc.nasa.gov>

facebook Profile edit Friends Inbox

Search

Applications: Photos, Groups, Scrabble, Events, Weblog, etc.

Experienced Captains

More Ads, Advertise

### Lunar Reconnaissance Orbiter

is wishing everyone a Happy Moon Landing Day. Updated 16 hours ago

Networks: National Aeronautics and Space Administration (NASA), Washington, DC, it's Complicated

Relationship Status: Not on Facebook

Mini-feed: Displaying 10 stories

View Photos of Lunar (38)

View Videos of Lunar (3)

View Lunar's Friends (372)

Send Lunar a Gift

View Lunar's Circles

Like Lunar

Give beer to Lunar

Hug Lunar

Growing Gifts

Match with Lunar

Dedicate a Music Video (200)

Who calls you a Top Friend?

Like Lunar's nick

Do Anything To Interfere - Po...

Get more Lunar Wall posts

Send a TV Gift or Quote

Like Lunar like you

Lunar's Virtual Cuddling

Matching Rays

Send Lunar a Message

Like Lunar

Lunar is wishing everyone a Happy Moon Landing Day. 16 hours

Lunar sent a moon to Angela Hess, Cathie Peddie and Dave Mosher using Che The Universe. 16 hours

Lunar is undergoing alignment checks. 10/27/08

Lunar sent Cathie Peddie a growing Power. Send a flower! 10/27/08

Lunar and Bill Corbett are now friends. 10/26/08

Lunar and Karen Davis-Holt are now friends. 10/26/08

Lunar and Devan Mulholland are now friends. 10/26/08

Lunar and Francis McCallum are now friends. 10/26/08

Lunar is being readied for alignment checks today. 10/26/08

Information

Personal Info

Profile edit Friends Inbox

home account privacy logout

## Send your name to the Moon with LRO

Global

Information edit

Basic Info

Type: Common Interest - Science

Description: Join the Journey as NASA heads back to the moon. The Lunar Reconnaissance Orbiter is the first mission paving the way to returning humans to the moon.

[http://www.nasa.gov/mission\\_pages/LRO/main/index.html](http://www.nasa.gov/mission_pages/LRO/main/index.html)

Contact Info

Website: <http://lunar.gsfc.nasa.gov>

Recent News edit

One million and counting!

[http://www.nasa.gov/mission\\_pages/LRO/news/nametomoon2.html](http://www.nasa.gov/mission_pages/LRO/news/nametomoon2.html)

Photos

Displaying 4 of 11 photos

Add Photos | See All

Share

Events

There are no events. Create Events.

Related Groups

Six Degrees Of Separation - The Experiment

Just for Fun - Facebook Classics

Extrasolar Planets

Common Interest - Science

When I was your age, Pluto was a planet.

Common Interest - Science



twitter

LCROSS\_NASA

Following: 14, Followers: 664, Favorites: 0, Updates: 33

39th Anniversary of Apollo 11 - to celebrate held Lunar Science Public Event @ NASA Ames. Talked about future moon activities - including me!

LCROSS\_NASA Hey @LADEL\_NASA - I think u just lots of followers thanks to the shout-out tweet from @MansProxima. Good to see u here in the Twitterverse! 1:10 PM July 10, 2008 from web

LCROSS\_NASA My team held a GAVIT Student Telemetry Team training session webcast - students & teachers will be tracking LCROSS during flight! Super cool. 10:2 AM July 10, 2008 from web

LCROSS\_NASA Student poster competition! upcoming NASA Lunar Science Conference <http://www.lpi.usra.edu/meet...> 10:52 PM July 08, 2008 from web

LCROSS\_NASA I love Tuesday mornings - my weekly tag-up meeting where my team talks all about me! 10:10 AM July 08, 2008 from web

LCROSS\_NASA Submit YOUR questions for the upcoming NASA Lunar Science Conference! Go here for more info: <http://www.youtube.com/Luna...> 12:33 PM July 08, 2008 from web

LCROSS\_NASA Operations team rehearsing "Launch and Ascend" in 2 wks, then will rehearse "Lunar Sighting" in early Aug will rehearse "The Final Hour" 11:12 PM June 30, 2008 from web

# Web 2.0 - Social Media and Social Networking and Participatory Exploration

- Direct participation in the mission to obtain and submit potentially scientifically-useful data (Observation Campaign, Telemetry Team)
- Cadres trained to present details of this mission and NASA's return to the Moon to various audiences (Night Sky Network, Native American Interns, Museum Alliance, Solar System Ambassadors)
- General participation through interacting with experts at events, designing exploration hardware (Quest Challenges, Second Life), sending names
- Lunar Student Imaging Project
- Potential Partnership with “Universal Zoo”

